

St. Tammany Parish, Louisiana

Pr—Prentiss fine sandy loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: bz8t

Mean annual precipitation: 55 to 73 inches

Mean annual air temperature: 55 to 79 degrees F

Frost-free period: 219 to 272 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Prentiss and similar soils: 95 percent

Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Prentiss

Setting

Landform: Interfluves

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Pleistocene fluviomarine deposits

Typical profile

H1 - 0 to 25 inches: fine sandy loam

H2 - 25 to 62 inches: loam

H3 - 62 to 73 inches: loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high (0.20 to 0.60 in/hr)

Depth to water table: About 18 to 30 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Low (about 3.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2w

Hydrologic Soil Group: C

Minor Components

Brimstone

Percent of map unit: 2 percent

Landform: Depressions

Guyton

Percent of map unit: 2 percent

Landform: Depressions

Myatt

Percent of map unit: 1 percent

Landform: Depressions

Data Source Information

Soil Survey Area: St. Tammany Parish, Louisiana

Survey Area Data: Version 8, Sep 23, 2014